

AC 4412 (1) DEAL

LIBRARY



B O R O U G H O F D E A L

A N N U A L R E P O R T

upon the

H E A L T H O F D E A L

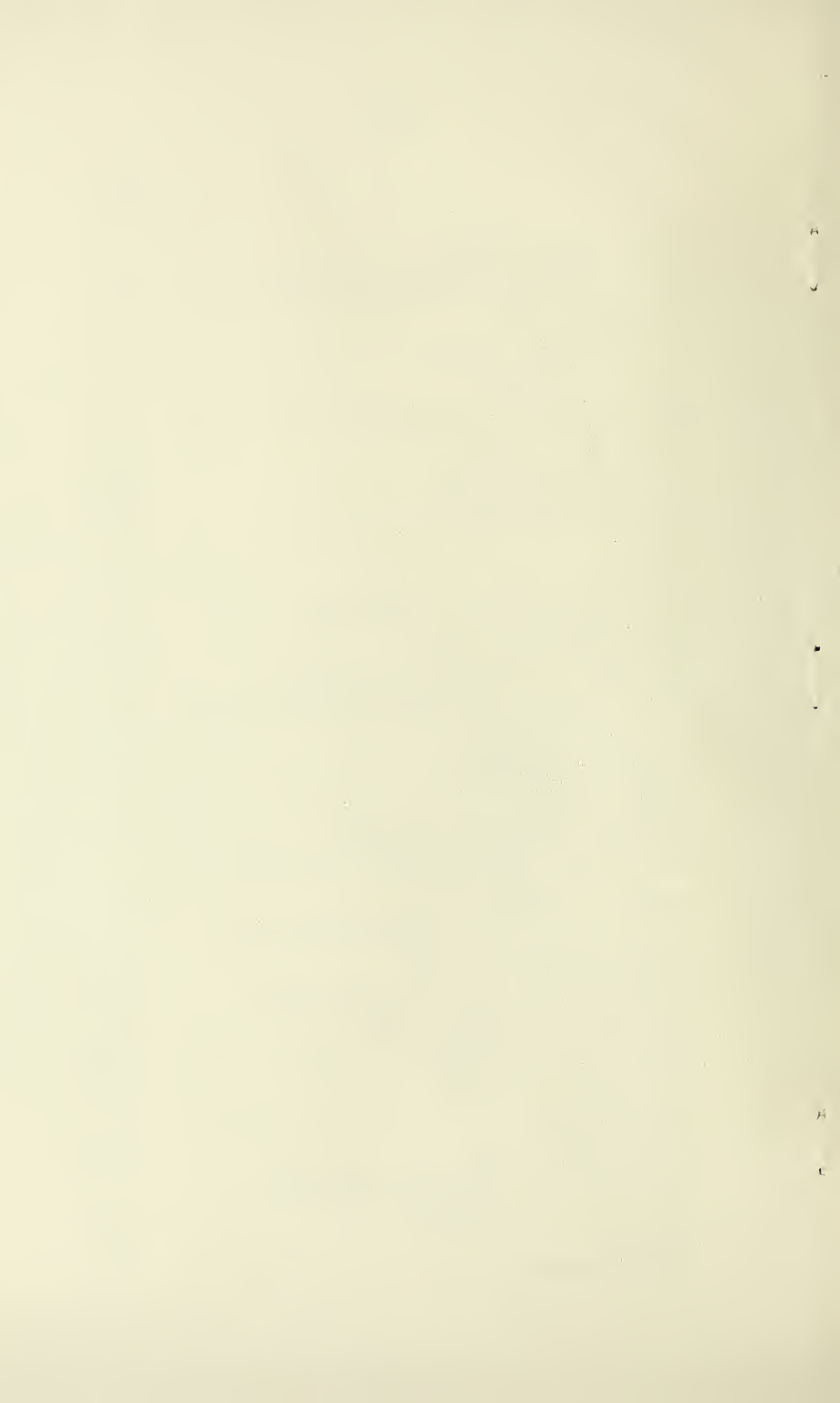
for

1 9 4 8

Dudley W. Kirk, M.B., Ch.B.,
Medical Officer of Health,
Public Health Department,
43 Queen Street,
DEAL.

INDEX

	<u>Page</u>
Index	1
Public Health Committee	2
Public Health Officers	2
Medical Officer of Health - Foreword	3-4
Statistics - Social Conditions of the Area	5
Physical Features	5
Meteorology	5
Table I. - Meteorology	6
Table II - Sunshine	6
Social Conditions	7
Extracts from Vital Statistics 1948	8
Table III	9
Public Health Staff	10
Laboratories Facilities	10
Ambulance Facilities	10-11
Infectious Disease Cases	11-12
Nursing in the Home	11
Midwives	11
Table IV	11
Ante-Natal - 1948	12
Hospitals - Surgical and Medical	12
Health Visitors	12
Diphtheria Immunisation	12-13
Sanitary Circumstances of the Area	13
Table V	13
Water - Chemical and Bacteriological Reports	14
Table VI - Water	15
Drainage and Sewerage	15-16
Rivers and Streams	16
Closet Accommodation	16
Public Cleansing	16
Table VII - Factories Act, 1937	17
Defects - Factories Act, 1937	17
Table VIII - Table of Works of Sanitary Inspector.	18
Shops Act, 1934	19
Moveable Dwellings - Camping Sites	19
Tents, Vans, Sheds	19
Swimming Baths and Pools	19
Rodent Control	19-20
Verminous or Dirty houses and persons	20
Rag Flock Acts, 1911 - 1928	20
Inspection of Dwelling houses, etc.	21-22
Milk Supply and sampling	22-23
Ice Cream	23-24
Food Shops and Stores	24
Unsound Food	24
Condemned Food	25
Adulteration - Milk	25-26
Food and Drugs Act, 1938 - Samples	26
Statistics etc. Infectious and other Diseases	27-28
Table IX - Tuberculosis	28
Schools	28
General Summary	29



B O R O U G H O F D E A L

PUBLIC HEALTH COMMITTEE

Chairman

His Worship the Mayor Councillor W.P.D. Stebbing, J.P

Vice Chairman

Councillor A. Jenkins

Members

Alderman E. Cavell, J.P
Alderman Tudor Davies, J.P
Councillor G. R. Arnold
Councillor A. E. M. Cavell
Councillor A. E. Clack (resigned 9.9.48)
Councillor N. U. Cavell
Councillor Mrs. B. Mantle
Councillor H. A. Nurse
Councillor E. B. Newton
Councillor E. J. Robinson
Councillor Stewart Dunn.
Councillor F. Potter, C.B.E (elected 2.12.48)

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health	:	Dudley W. Kirk, M.B., Ch.B.
Senior Sanitary Inspector	:	W. Green, M.R.San.I., M.S.I.A.
Additional Sanitary Inspectors:		G. L. Almond, A.R. San.I. M.S.I.A.
		J. H. Stokes, A.R. San.I. M.R.I.P.H.H.
Shorthand Typists	:	Miss M. Shotter Miss J. Roots

B O R O U G H O F D E A L

Report of the Medical Officer of Health for the Year 1948.

To the Mayor, Aldermen and Councillors of the Borough of Deal

Mr. Mayor, Ladies and Gentlemen,

I beg to submit my Twenty-second Annual Report on the Public Health Services and general health of the Borough, and this report again shows a very satisfactory position.

In the final statistics it will be noted that the Birth Rate again shows a slight decline, as does the Death Rate. In both cases, these rates are slightly above the general average for the country.

Puerperal Sepsis has not produced any maternal deaths and it is a point worthy of notice, in so far that this negative return has been consistent for many years.

Two deaths have been recorded from other maternal causes but nevertheless these statistics, coupled with those of former years prove the high standard of the Maternity work performed in the Borough.

Infectious Diseases were largely limited to the milder ailments which inevitably occur amongst young children and although the epidemics were fairly severe, no unpleasant results occurred.

It is worthy to note also that only one case of Diphtheria was notified during the year, and in consequence I feel that some credit must be given to the Immunisation Scheme which will be extended during 1949.

As reported later in the report, this Department secured for the first time for many years a full complement of members and work proceeded harmoniously and well throughout the year.

In the latter months, however, a dispute arose as to the status of the Senior Sanitary Inspector and this dispute was in progress at the end of the year. It is hoped that it will soon be settled as the problem does not appear to contain any great difficulties.

As in previous pre war years, one of the major problems has been under the heading of "Housing" where the difficulties are manifold. Much progress has been made in the town in re-housing overcrowded families, but considerable hardship and difficulties still exist which it is hoped will, in a great part be overcome during the next year.

The shortages in building materials and delays through complications of Certificates and orders, etc., were less evident in 1948, and during the year the Department found Builders and Contractors very amenable and willing to assist in every way.

Much valuable repair work was performed throughout the whole Borough to ease the several difficulties experienced by those who suffered through the war.

Perhaps the most outstanding item in 1948 was the introduction of the National Health Service, on the 5th July. As this Borough was not directly responsible for many of the branches of the Health Services so involved, e.g. Ambulance, District Nurses, Mental Health and Lunacy Acts, Maternity and Child Welfare, etc., the introduction of the new Health Service did not in a large measure, affect the Borough.

I would like to mention the work of the Ambulance Section with which we are in close touch. This has continued under the direction of the St. John Ambulance Brigade and has rendered the very best services to the town.

The School Services continue to operate under the Kent County Council whose main Centre is the old First Aid Post, Victoria Park, where a considerable amount of work including that done by the excellent Dental Clinic is performed, and is increasing in its use by the School Children.

Particular attention has been paid throughout the year, to Street Trading, which of course included the sale of ice-cream, fish, vegetables, and other commodities. This town, being a seaside resort has probably more of this type of trading than other towns and the Department has been active in ensuring that all vans, barrows and stalls comply with all regulations. In addition, ice cream factories and retail establishments have been regularly inspected and their commodities regularly sampled. I am well satisfied that this work of the Department has been thoroughly kept up to date.

Routine work for the eradication of rats and mice has of course continued, and during the year two sewer treatments of some extent were performed. Here again I comment to the members the value of this work which has successfully got rid of a large number of undesirable pests.

In conclusion I should like to commend the work of the various members of the Public Health Department and to record my appreciation and thanks to the Town's Principal Officers for their co-operation, courtesy and assistance in many matters involving the Welfare of the Borough. My special thanks are due to the Chairman and Members of the Public Health Committee for their interest and guidance in the work of the Department.

I have the honour to be, Mr. Mayor,
Ladies and Gentlemen,

Your obedient Servant,

Ernest W. Kirk

Medical Officer of Health.



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29154042>

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

AREA

The area of the Borough is 2,917 acres, exclusive of the foreshore. No alteration in the area has been made since 1935.

POPULATION

The population as estimated by the Registrar-General for the mid year is.....22,530
This shows an increase on last year's figures of..... 880
For calculating the Birth and Death Rates, the estimated population is given as.....22,530
The number of inhabited houses at the end of 1947 according to the Rate Books was..... 6,813
The Rateable value on 31st December, 1947 was..... £159,869
And the sum represented by a Penny Rate.....£612

PHYSICAL FEATURES

The Borough of Deal, possesses a promenade foreshore of nearly three and a half miles, and is renowned as a health resort. Its geographical position is unique in view of its situation on the English Channel and its pleasant climate gives added advantage to the Town. The whole area is level, rising only very gradually to the surrounding wooded country. The level nature of the ground is an added benefit to invalids. The beach is comprised of flint pebbles which remains unpolluted by reason of the tides.

METEOROLOGY

Details of meteorological observations are set forth in Tables I and II.

The hottest month was August giving a mean minimum reading of 53° F while the coldest month was February with a mean of the minimum reading of 34° F.

The total rainfall for the year was 25.42 inches, the heaviest amount falling in January, viz. 3.91 inches, while during March the amount registered was only .80 inches, this being the driest month of the year.

There were 138 days of the year on which .01 of an inch or more rain fell.

The total hours of sunshine recorded for the year, excluding April, was 1475.2, the sunniest month being May with 222.6 hours, while January with a recording of 38.9 hours had the least sunshine.

TABLE I
Record of Meteorology, 1948

Month	Average Thermometer. Degrees Fahrenheit.		Rainfall in ins.	No. of days on which .01 or more fell.
	Max.	Min.		
January	49	37	3.91	19
February	45	34	.90	12
March	54	39	.80	5
April	58	42	1.79	12
May	⌘	48	1.97	10
June	65	50	2.17	13
July	66	52	1.89	8
August	67	53	3.30	14
September	⌘	50	2.51	10
October	⌘	48	1.22	9
November	⌘	40	2.19	11
December	⌘	38	2.77	15
TOTALS	-	-	25.42	138

⌘ Thermometer out of Order.

TABLE II
Sunshine 1948

Month	Total hours of Sunshine	Month	Total hours of Sunshine
January	38.9	July	184.9
February	74.5	August	145.1
March	174.8	September	171.6
April	-	October	123.9
May	222.6	November	87.4
June	193.0	December	58.5
TOTAL HOURS OF SUNSHINE FOR 1948 (exclusive of April) 1475.2.			

SOCIAL CONDITIONS

Deal is situated on the South East Channel Coast possessing a sea frontage of approximately 5 miles, is renowned as a Health Resort and famous for its invigorating air.

The town is mostly residential with a high proportion of Working Class population, many of whom, as do the local traders, derive income from holiday traffic in the more favourable months. During the year much headway has been made in restoring the boarding houses and hotel accommodation. The difficult housing situation aggravated in part by the War is gradually being met in the construction of new housing estates.

The town forms the residence of a large proportion of employees who work at the nearby Betteshanger Colliery and during the post-war years, a number of small but thriving industries have set up factories within the town and these, together with the colliery, we trust, will add to the prosperity of this ancient Borough.

The climatic conditions are exceedingly good and the broad aim is, as far as possible, to retain the old characteristics of the Town and to combine these with modern development, consistent with good Public Health measures. This will enable the Town to progress and yet keep much of its charm.

EXTRACTS FROM VITAL STATISTICS 1948

	1947	1948	Male	Female	England and Wales 1948
<u>LIVE BIRTHS</u>					
Legitimate	468	427	220	207	
Illegitimate	41	33	20	13	
Birth rate per 1000 of the residential population.	23.5	20.42			17.9
<u>STILL BIRTHS</u>					
Legitimate	12	11	8	5	
Illegitimate	Nil	1	1	Nil	
Rate per 1000 total births	23.57	26.1			
Rate per 1000 of the residential population	0.55	0.53			0.42
<u>DEATHS</u>					
From all causes	284	263	140	123	
Crude death rate per 1000 residential population.	13.1	11.22			10.8
<u>DEATHS FROM PUERPERAL CAUSES</u> <u>Registrar General's List</u>					
No. 29 Puerperal Sepsis	Nil	Nil			
No. 30 Other Puerperal causes	Nil	2	-	2	
Rate per 1000 (live and still births)	Nil	4.35			0.13
<u>DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE</u>					
Legitimate	14	13	5	8	
Illegitimate	Nil	3	3	Nil	
All infants per 1000 live births.	27.5	34.8			34
Legitimate infants per 1000 legitimate births	29.9	34.4			
Illegitimate Infants per 1000 illegitimate births	Nil	90.9			
Deaths from Cancer (all ages)	55	37	19	18	
Deaths from Measles (all ages)	Nil	Nil	Nil	Nil	
Deaths from Whooping Cough (all ages)	2	Nil	Nil	Nil	
Deaths from Diarrhoea and Enteritis (under 2 years)	Nil	3	3	Nil	

TABLE III

Set out below in Table III are the certified
causes of Deaths in the Borough during 1948.

CAUSES OF DEATH	Male	Female
All Causes	140	123
1. Typhoid Fever, etc.	-	-
2. Cerebro-Spinal fever	-	-
3. Scarlet Fever	-	-
4. Whooping Cough	-	-
5. Diphtheria	-	-
6. Respiratory Tuberculosis	11	3
7. Other Tuberculosis	2	1
8. Syphilitic Diseases	1	1
9. Influenza	-	1
10. Measles	-	-
11. Ac.Poliomyelitis and Polioen- cephalitis	-	-
12. Ac. Inf. Encephalitis	1	-
13. Cancer of Buc. Cav. and Oesoph (m) Uterus (f)	1	-
14. Cancer of Stomach and Duodenum	-	2
15. Cancer of Breast	5	2
16. Cancer of all other sites	-	6
17. Diabetes	13	8
18. Cerebral Haemorrhage	3	-
19. Heart Disease	15	20
20. Other Circulatory Disease	42	47
21. Bronchitis	7	7
22. Pneumonia	8	1
23. Other Respiratory Diseases	2	5
24. Ulcer of Stomach or Duodenum	2	1
25. Diarrhoea, etc. under 2 yrs.	1	1
26. Appendicitis	3	-
27. Other Digestive diseases	1	-
28. Nephritis	2	6
29. Puerperal and post abortive sepsis	4	2
30. Other maternal causes	-	-
31. Premature birth	-	2
32. Congenital causes, etc.	1	2
33. Suicide	2	-
34. Road Traffic Accidents	-	-
35. Other Violent causes	1	-
36. All other causes	2	1
	10	4

GENERAL PROVISIONS

of

HEALTH SERVICES FOR THE AREA

PUBLIC HEALTH STAFF

The Department in 1948 worked for the first time for many years with a full complement of members. This enabled us to re-organise duties and to proceed in subjects which had necessarily to be left in abeyance through war contingencies and lack of staff. It was possible to re-institute many routine inspections, commencing with the important house to house inspections. Much valuable work was completed on the proposed Redevelopment area adjoining the Sea Front.

The Senior Sanitary Inspector applied successfully to the Tribunal for an up-grading and was awarded Grade V from Grade IV dating back to the time of his appointment as Senior Sanitary Inspector in 1946. Following on this upgrading, Mr. Green, Senior Sanitary Inspector, having taken objection to points raised in the Councils' case at the Tribunal wrote to the Chairman, Vice Chairman and Ministry of Health to seek a ruling as to his status and obligations - referring particularly to the definition of his "general direction" under the Medical Officer. From this action a dispute arose which at the end of the year was still unsettled and appeared to be increasing in its complications.

LABORATORIES FACILITIES

The principal centre for laboratory work is the Kent County Laboratory at Maidstone, which is under the direction of Dr. A. Elliott, M.D., D.P.H., the Kent County Medical Officer of Health.

This laboratory undertakes all forms of investigations and is freely used by the Medical Practitioners in the Town. The service is of a high standard. We co-operate with the County by furnishing samples and specimens as requested for Public Health work generally.

AMBULANCE FACILITIES

(a) From July 5th these came under the direction of the National Health Service and are on the Government's behalf, managed by the Kent County Council. The existing services provided by the St. Johns Ambulance Brigade remained unchanged and the town, well supported with a minimum of two stretcher ambulances and one sitting case car, with a full time staff enjoyed a continuation of the excellent services organised before the new Act was implemented. The new Act provides for closer liason between adjoining Boroughs. I should like here to compliment the Ambulance Staff for their excellent co-operative work which has remained at its former high standard.

I should also like to mention the extremely valuable Hospital Car Service organised and run so well in this town by Miss P. Blunt.

This voluntary service is one of immense value and the ladies and gentlemen operating this service give use of their cars and much of their time to this community effort. It is a very valuable adjunct to the existing service, lightens the heavy burden of the main centre and is of great assistance to patients requiring long distance transport. Congratulations and thanks are due to the organiser and members of this branch of hospital work for prompt and self sacrificing work.

INFECTIOUS DISEASE CASES

Here, with the acceptance of our infectious diseases at Dover Isolation Hospital, that institution provides the requisite transport.

Our own hospital, long since abandoned as such, still possesses an ambulance. In that we disclaimed the hospital disposed of the equipment, and infectious transport was properly and fully replaced it was considered that this ambulance could not be subject to the requirements of the new Act. Discussion is proceeding on this question as to whether this ambulance can rightfully be taken over by the higher Authority without recompense or whether it can be properly used or disposed of by this Council.

NURSING IN THE HOME

The arrangements for this care are made through the Deal District Nursing Association who have continued to provide us with a service of the highest standard. The staff of nurses was increased during the year and consisted of four Midwives and three Home Nurses.

MIDWIVES

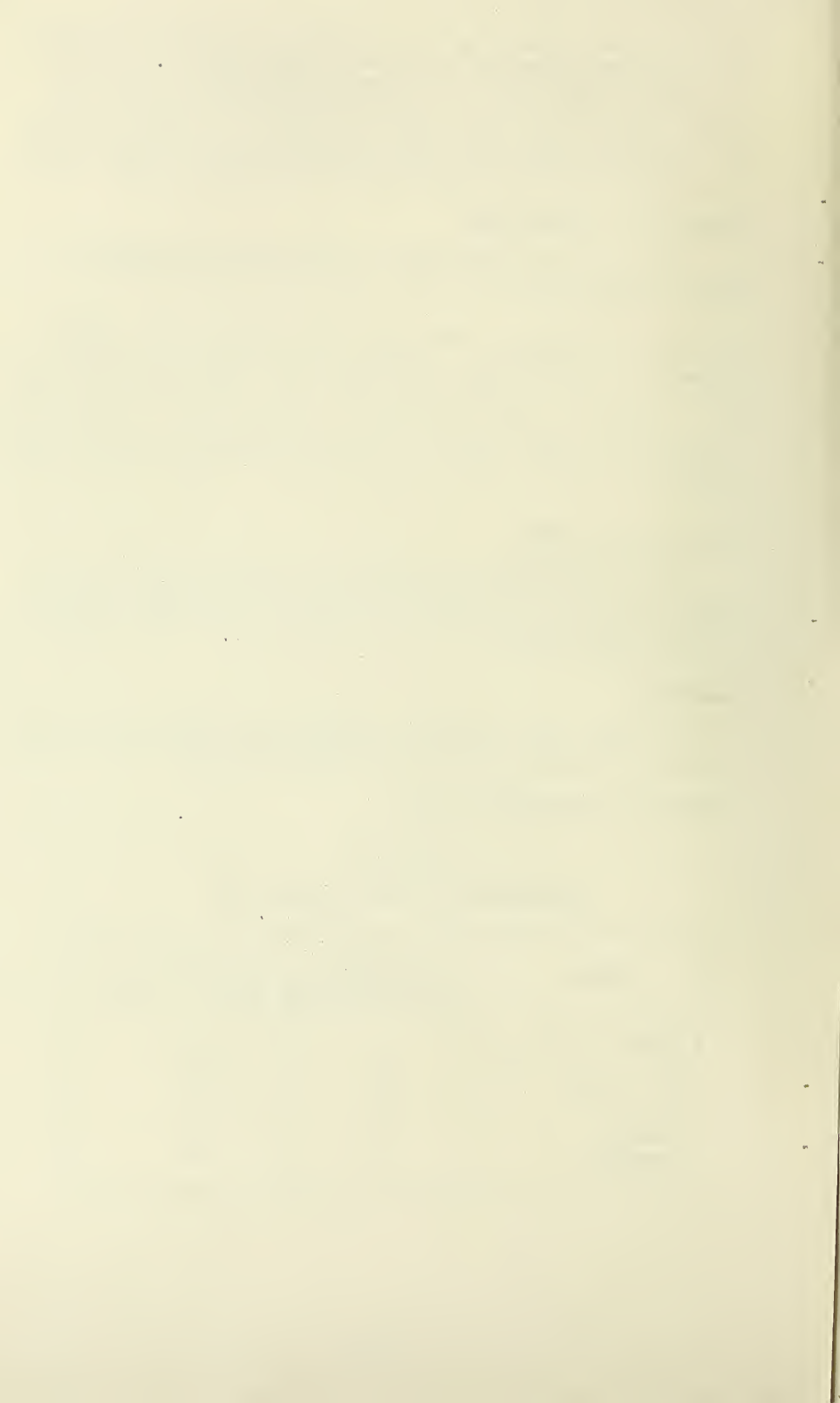
The Kent County Council administer the Midwives Act, and midwives employed in Deal are directed by the District Nursing Association on behalf of the Kent County Council.

CLINICS AND TREATMENT CENTRES

TABLE IV

MATERNITY AND CHILD WELFARE 1948

CENTRE	No. of children attending	Total No. of the attendances
	5.7.48-31.12.48	Whole year.
<u>DEAL</u>		
St. Georges Hall	284	3175
Mill Hill	176	1680
<u>WALMER</u>	134	1180
<u>MONGEHAM</u>	82	554



ANTE-NATAL 1948

CENTRE	No. of children attending	Total No. of attendances.
<u>DEAL</u>		
St. Georges Hall	53	288
Mill Hill	191	911

HOSPITALS

1. Infectious Disease

Cases requiring isolation are admitted to Dover Isolation Hospital, an arrangement which existed before the new Act came into force and which works satisfactorily.

Apart from two wide spread epidemics of Whooping Cough and Measles - the former occurring in the early months of the year and the latter at the end of the year - the town has been remarkably free of major infections. Both epidemics attacked the younger children of the community and were of a mild character leaving no disasters or serious sequelæ.

2. Surgical and Medical

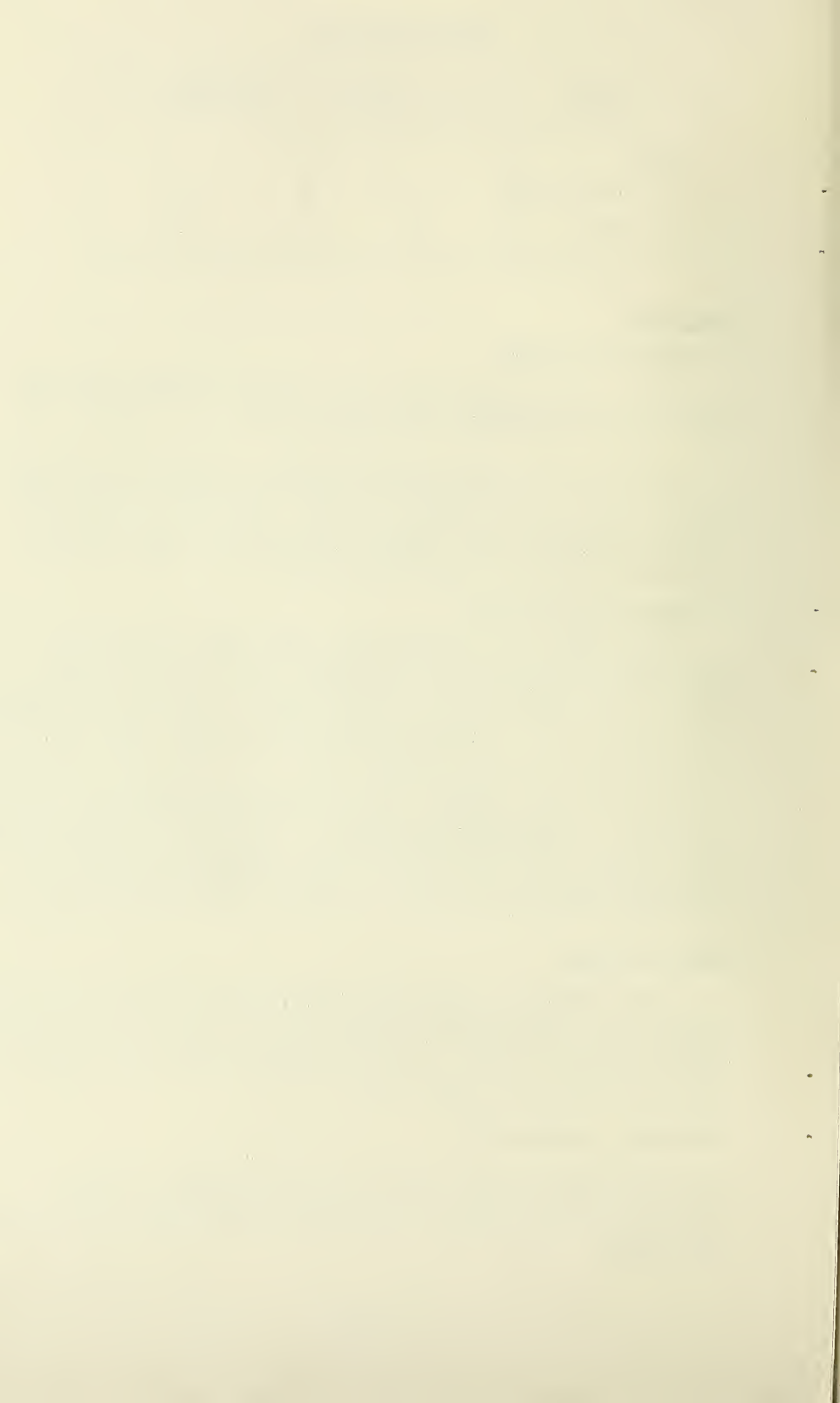
Cases under these headings are dealt with by the Deal, Walmer and District Memorial Hospital. This hospital, with approximately 37 beds has accommodation for male and female patients in general wards, and for children, and can also admit a few people under private arrangements. It is a well equipped institution with a voluntary Surgical and Medical staff prior to its acquisition on the 5th July. The existing staff were retained under the new Act and continued to run the several clinics, including General Medical and Surgical, Out-patients, Tuberculosis, X Ray, Osteopathic, Ear Nose and Throat Ophthalmic, Physiotherapy Services. Where extra facilities are required patients by the close liaison existing under the National Health Service are transferred to the Canterbury Hospital or Folkestone Hospitals or other recognised institutions in the County and London.

HEALTH VISITORS

These nurses as before, are under the direction of the Kent County Council and 5 were employed in the town on various branches - Maternity and Child Welfare, Tuberculosis, Ante-Natal and general health visiting duties. I should like to commend the work of these nurses to the notice of the Members and to express gratitude for their assistance during 1947.

DIPHTHERIA IMMUNISATION

Up to 5th July when the Kent County Council took over the whole Authority of this work we were responsible for those children of school ages. The work in Deal was properly executed and organised and the town showed figures comparable with any in the County.



Immunisation proceeds on the same lines as before through Clinic and General practitioners.

It is hoped in 1949 to instal diphtheria immunisation clinics within the Schools particularly to secure the protection of any children not yet treated and to continue to safeguard them by further inoculations of those already once immunised. I am satisfied that the local children are well guarded and that the parents refusing this attention are in a small minority.

SANITARY CIRCUMSTANCES OF THE AREA

WATER

1. Quality and Quantity.

The supply is constant and the standard of purity is very satisfactory. The water is from deep boreholes into the chalk and is chlorinated at the source. No figures are available for Great Mongheam and Sholden areas which are supplied by the East Kent District Water Company of Snodland. The following figures relate to Deal and Walmer.

Total Storage Capacity.. . . .	950,000 gallons
Pumping	2,200 gallons per min.
Quantity delivered during 1948...	358,947,800 gallons
Daily consumption... ..	983,418 gallons

2. Bacteriological and Chemical Examinations

	<u>No. Taken</u>	<u>No. unsatis- factory</u>
<u>Main Supplies</u>		
Chemical	7	-
Bacteriological	45	-
<u>Well Water</u>		
Bacteriological	29	13

Typical reports are shown below in Tables IV and V:-

TABLE .V

THE CLINICAL RESEARCH ASSOCIATION

DEAL BOROUGH

Laboratory Report No. 17210 13th December, 1948.
Chemical and Bacteriological Water Report

The sample of water collected on the 8th December, 1948, and received here on the 9th December, 1948 has been examined with the following results:-

See page 14

Chemical and Bacteriological Water Report

Continued

1. <u>Chemical</u>	Parts per <u>100,000</u>	Grains <u>per gallon</u>
Total solids (Dried at 120.c.)	41.0	20.7
Combined Chlorine (as CL.)	3.4	2.4
Equivalent to Sodium Chloride NaCl	5.6	3.9
Nitric Nitrogen (Nitrates)	0.70	0.49
Nitrous Nitrogen (Nitrites)	Nil	Nil
Ammoniacal Nitrogen	Nil	Nil
Albuminoid Nitrogen	Nil	Nil
Oxygen absorbed in $\frac{1}{4}$ hrs. at 27°C	0.005	0.004
Lead or Copper	Nil	Nil
Temporary Hardness (equiv. to CaCos)	21.5	15.1
Permanent hardness (equiv. to CaCos)	5.0	3.5
Total Hardness (equiv. to CaCos)	26.5	18.6

2. Bacteriological

The average number of organisms producing visible colonies on agar plates:-

at 20°C - 22°C for 3 days...	... 3 per ml.
at 37°C for 2 days	... 2 per ml.
Faecal B. Coli	... not found in 100 ml.
Probable number of B. Coli present	... none per 100 ml.
Streptococci	... not found in 100 ml.
Cl. Welchii (spores)	... not found in 100 ml.

The combined results show this water to be of excellent quality and quite safe for drinking purposes.

Signed: R. S. RALPH, M.R.C.S.,
D.P.H..

Laboratory Director.

TABLE VI
KENT COUNTY COUNCIL

Public Health Department,
MAIDSTONE.

Report of Samples of Water

Sample received 16.2.48

Laboratory No. N.10131.

Description of Sample	No. of organisms per C.C. capable of growth on agar		B. Coli presumptive
	37°C	22°C	
Water from tap in yard King Street Depot - Treated.	1	0	Absent in 100 ccs.

Remarks

B. Coli (Presumptive) absent in 100 ccs. - in good water.

3. Plumbo Solvent Action

There has been no evidence of plumbo solvency in the mains supplies.

4. Action in respect of any form of contamination

29 samples of the water supplies of the houses along the Mongeham Bottom Road were taken during the year. Twelve of these samples showed evidence of recent faecal contamination. The consideration of the provision of mains water supply along this road has proceeded during the year.

5. Means of Supply

Approx number of houses
supplied with mains water... 6382

Approx number of houses
supplied with well water 25

DRAINAGE AND SEWERAGE

The drainage and sewerage of the area remains in principle the same as in previous years.

Walmer is drained by gravitation through a comparatively new set of sewers to a storage tank under the foreshore, the contents of which are discharged each day into the sea. Surface water is taken separately into the old sewer system and discharges through the original out-falls on the foreshore.

Deal is also drained by gravitation to the Pumping Station at the North end of the town where the sewage is raised to a covered storage tank and is discharged into the sea, well away from the foreshore.

RIVERS AND STREAMS

No action has been necessary in relation to pollution of water courses during the past year.

Anti-Mosquito work in respect of dykes and ponds is undertaken each year and a suitable larvicide is sprayed on all known breeding grounds.

CLOSET ACCOMMODATION

The approximate number of premises equipped with each type of sanitary convenience is as follows:-

Water closets into drainage system...	...	...	...	6156
Water closets into Cesspools	...	...	...	116
Pails closets including Chemical closets...	...	...	...	135

No conversions took place during the twelve months under review.

PUBLIC CLEANSING

The Public Cleansing Service operates under the supervision of the Borough Surveyor.

(a) Domestic Storage

Sanitary Ashbins are in use throughout the Borough. Considerable difficulty was again experienced in securing replacements and renewals during the year.

(b) Collection

Collection is undertaken by direct labour. Modern covered motor vehicles are used for this purpose. A charge is made for collection of trade refuse.

(c) Disposal

The refuse is conveyed to the Council's refuse tip where salvageable articles are removed, the residue being disposed of by controlled tipping. No complaints have been received in respect of the tip which is managed very satisfactorily.

(d) Gully Cleansing

A combined vacuum gully emptier and flushing van is owned and operated by the Corporation.

TABLE VII
FACTORIES ACT, 1937.

Premises	Number on Register	Number of		
		Inspec- tions	Written Notices	Occupiers prosecuted.
1. Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities.	28	12	5	-
2. Factories not included in above to which Section 7 applies:-				
(a) Subject to Local Authorities (Transfer of Enforcement) Order, 1938.	-	-	-	-
(b) Others	99	32	11	-
3. Other premises under the Act excluding out-workers, premises.	-	-	-	-
TOTAL	127	44	16	-

DEFECTS

	<u>Found</u>	<u>Remedied</u>
Want of cleanliness (Sec. 1.)	1	1
Overcrowding (S.2.)	-	-
Unreasonable temperature (S.3.)	-	-
Inadequate ventilation (S.4.)	-	-
Ineffective drainage of floors (S.6.)	-	-
Sanitary conveniences (S.7.)		
(a) insufficient	5	3
(b) unsuitable or defective	3	2
(c) not separate for sexes		
Other offences (not including offences relating to homework.	7	7
TOTAL	<u>16</u>	<u>13</u>

Below in tabular form is given the report furnished by the Sanitary Inspector, under Act 27 of the Sanitary Officers (Outside London) Regulations, 1935.

TABLE VIII

TABLE OF WORKS OF SANITARY INSPECTORS

A Selection of Housing Defects Remedied

Roofs repaired	.....	102
External walls repaired	.....	107
Internal walls repaired	.....	259
Floors repaired	.....	88
Ceilings	.....	152
Windows	.....	170
Sinks provided	.....	5
Gutters and downspouts repaired	.....	88
Yards and passages paved or repaired	.....	15
Handrails provided	.....	21

Table of Works of Sanitary Inspectors (excluding Housing)

Water supply	.....	55
Drainage visits	.....	312
Cesspools	.....	44
Keeping Animals, etc.	.....	87
Offensive Trades	.....	10
Tents, Vans, Sheds, etc.	.....	11
Factories with power	.....	32
Factories without power	.....	12
Others	.....	-
Workplaces	.....	1
Outworkers	.....	-
Public Conveniences	.....	1
Theatres, etc.	.....	9
Licensed premises	.....	14
Provision of dustbins	.....	23
Vacant land and dumps	.....	18
Common courts and passages	.....	7
Refuse tips	.....	10
Rats and Mice	.....	63
Smoke observations	.....	10
Schools	.....	3
Shops (Shops Act, 1934)	.....	-
Filthy premises	.....	27
Vermineous premises	.....	226
Infectious Diseases	.....	22
Slaughterhouses	.....	6
Rivers and streams	.....	7
Meat Shops and Stores	.....	113
Poulterers and Fishmongers	.....	48
Grocers and other food shops	.....	82
Greengrocers and fruiterers	.....	41
Cowsheds	.....	33
Dairies and milk shops	.....	154
Fried Fish shops	.....	14
Ice Cream Premises	.....	110
Preserved Food premises	.....	18
Stalls and barrows, etc.	.....	24
Restaurants	.....	153
Visits re unsound food	.....	188
Bakehouses	.....	11
Other food samples	.....	-
Miscellaneous visits	.....	243
Mosquitoes	.....	7
Disease of animals	.....	1

Total Visits and Inspections :-

Housing	.....	2318
Other	.....	2250
Rodent Operator	.....	2726
TOTAL		7294

SHOPS ACT, 1954

It has not been possible to operate this Act during the Year under review.

MOVABLE DWELLINGS

(a) Camping Sites

One licence is in force in the district in connection with the Hawkshill Seaside Camp for London boys.

(b) Tents, Vans, Sheds, etc.

Licences were issued for 1948 in respect of two Caravans situated in Crayfords Meadow, Mongeham. A third Caravan is used in connection with a dwelling house in the town and a Caravan and tent occupied a site in Northwall Road, at the end of the year.

ATMOSPHERIC POLLUTION

No smoke observations were necessary during the year.

SWIMMING BATHS AND POOLS

There are no public Swimming Baths or Pools within the area.

An indoor Swimming Bath is however owned by the Admiralty and certain members of the public are allowed to use same. The samples are taken by the R. N. Staff.

RODENT CONTROL

(a) Routine work The Department full-time operator continued his valuable service to the town during the year. A summary of his routine work is as follows:-

	<u>Rats</u>	<u>Mice</u>	<u>TOTALS</u>
Premises under treatment at the end of 1947.	12	11	23
New premises treated during 1948.	109	78	187
Premises cleared on infestation during 1948	109	85	194
Premises still under treatment at end of 1948	12	4	16
Number of Rat bodies found	192		
Total visits by Rodent operator	2726		
Amount of Poison bait consumed by Rats :	26lbs. 4½ozs.		
Estimated minimum number of rats killed by poison	1105		

(b) Sewer Treatments

Following the initial treatment of the sewers in 1947 two maintenance treatments were carried out during 1948. The first in March and the second in September. The latter treatment was preceded by a 10% test of areas previously shown clear, and revealed that the areas tested were still clear.

Infestations were found in the Middle Street area and the area of Lower Walmer to the land side of the Strand. It appears that these two areas form suitable grounds for breeding, etc., and will necessitate further treatment at regular intervals combined with disinfection of surface properties.

Details of the two treatments are as follows:-

	No. of Manholes Baited		No. of Manholes affected		Poison bait consumed Z.Phos. Arsenic		Minimum Estimated Kill	
	Mar.	Sept.	Mar.	Sept.	Mar.	Sept.	Mar.	Sept.
Lower Deal	48	34	26	11	72oz.	26oz.	180	43
Lower Walmer	49	23	17	8	46oz.	18oz.	105	30
London Road	44	3	2	NIL	6oz.	NIL	15	NIL
TOTALS March	141	-	45	-	124oz.	-	300	-
Sept.	-	60	-	19	-	44oz	-	73

VERMINOUS OR DIRTY HOUSES AND PERSONS

The cleansing of four filthy houses was secured during the year. None of these was a Council house.

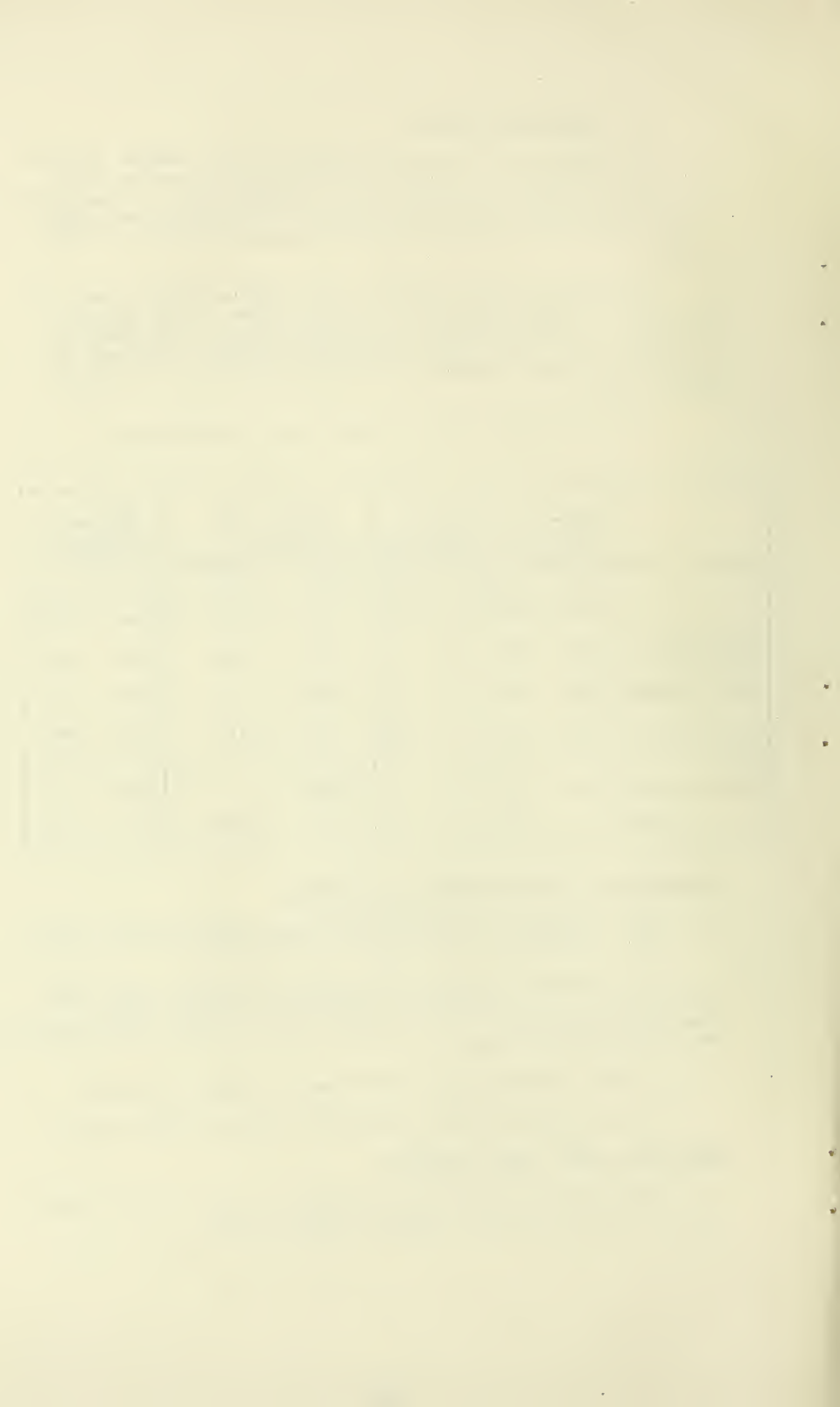
143 verminous houses, including 30 Council houses were disinfested, 15 of these were infested with bed bugs, 56 cockroach infested, 7 flea infested and 65 other disinfestations were mainly for flies.

5 other premises were disinfested during the year.

These disinfestations involved a total of 368 rooms.

RAG FLOCK ACTS, 1911 and 1928

There are at present no premises in the area where Rag Flock is manufactured or used in manufacture.



INSPECTION OF DWELLING HOUSES DURING THE YEAR

1. (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	407
(b) Number of inspections made for that purpose	2173
2. (a) Number of dwelling-houses (included under sub-section (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925)	152
(b) Number of inspections made for that purpose	152
3. Number of dwelling houses found to be in a state so injurious to health as to be unfit for human habitation	53
4. Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.....	312

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICES OF FORMAL NOTICES

1. Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers.....	263
---	-----

ACTION UNDER STATUTORY POWERS DURING THE YEAR

A. Proceedings under Section 9, 10 and 16 of the Housing Act, 1936.	
(a) Number of dwelling houses in respect of which notices were served requiring repairs..	15
(b) Number of dwelling houses which were rendered fit after service of formal notices:-	
(i) By Owners.....	11
(ii) By Local Authority in default of Owners.....	1
B. Proceedings under Public Health Acts	
(a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied.....	14
(b) Number of dwelling houses in which defects were remedied after service of formal notices:	
(i) By Owners.....	11
(ii) By Local Authority in default of Owners.....	NIL
C. Proceedings under Section 11 and 13 of the Housing Act, 1936	
(a) Number of dwelling houses in respect of which demolition orders were made.....	NIL
(b) Number of dwelling houses demolished in pursuance of demolition orders.....	NIL

D. Proceedings under Section 12 of the Housing Act, 1936

- (a) Number of separate tenements or under ground rooms in respect of which Closing Orders were made..... NIL
- (b) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit..... NIL

E. Proceedings under Par IV (Overcrowding) of the
Housing Act, 1936

- (a) (i) Number of dwelling houses over crowded at the end of the year.....
(ii) Number of families dwelling therein.
(iii) Number of persons dwelling therein.
- (b) Number of new cases of overcrowding reported during the year.
- (c) (i) Number of cases of overcrowding relieved during the year.
(ii) Number of persons concerned in such cases.
- (d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.

* No reliable figures are available.

MILK SUPPLY

187 inspections were made during the year at the Dairies and Cowsheds in the area.

The following licences under the Milk (Special Designations) Regulations 1936/1946 were in force.

Issued by the Deal Town Council

Accredited Dealers Retailing Licences.....	1
T. T. Dealers Retailing Licences.....	2
T. T. Bottling Licences.....	3
Supplementary T. T. Dealers Retailing Licences...	1

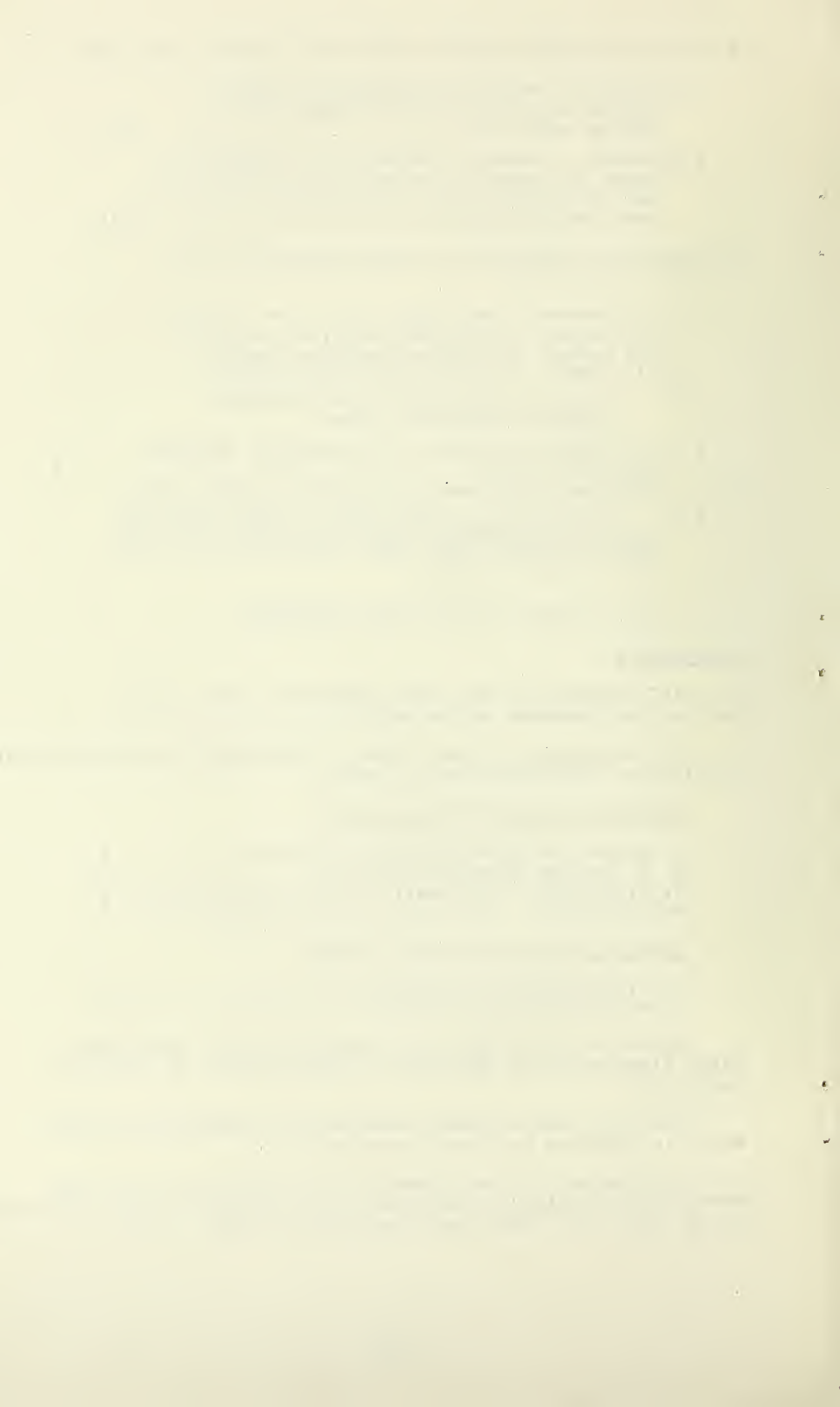
Issued by the Kent County Council

T. T. Producers Licences.....	2
Accredited Producers Licence.....	1

There is also within the District one Heat Treatment Plant licenced by the Ministry of Food but not by the Local Authority.

There is also a fourth farm producing undesignated milk which is supplied for heat treatment.

Arising out of the refusal to grant licences under the Special Designations Regulations to two dairies at the beginning of the year, one dairy was discontinued in use as such.



The year also saw the commencement of the installation of the new High Temperature Short Time Plant, at Liverpool Road Dairy.

This plant, made by the Aluminium Plant and Vessel Co., will be one of the most modern of its kind in Kent.

MILK SAMPLING

The following samples were taken during the year.

	<u>satis.</u>	<u>Unsatisfactory</u>	<u>TOTALS</u>
		<u>Meth.Blue.Phos</u>	
Heat Treated	22	8 4	34
		<u>Meth.Blue.B.Coli</u>	
T. T. Bottled	17	2 2	21
T. T. Ex-farm	16	- -	16
Accredited - Ex-farm	4	5 -	9
Raw milk - Pre H.T.	1	1 -	2
		<u>Plate Count</u>	
Washed bottles	5	8	13
Rinse water from boiler	1	1	2
		<u>Positive Negative</u>	
<u>Biological Tests</u>		NIL 15	15
<u>Chemical Tests</u>	Unsat: 2	Satisfactory: -	2
TOTAL SAMPLES			113

Reports on Samples of milk taken by the Dairy Bacteriological Advisory service of bulk milk supplied to one dairy in the town are forwarded to the Department for information.

ICE CREAM

The number of Ice Cream premises on the Register during the year was as follows:-

	<u>Manufacture</u>	<u>Sale</u>
	<u>and Sale</u>	<u>Only</u>
On Register at the end of 1947	12	18
Registrations cancelled	1	-
New Registrations	2	17
On Register at end of 1948	13	35

Details of 31 samples of Ice Cream taken during the year and submitted to Bacteriological examination are shown on the following page.

Test	No. of Sample	Methylene Blue Grading				Plate Count Thousands per ml				B.Coli in 1/100th	Sat.	Unsat.
		1	2	3	4	0-10	10-100	100-1000	1000+			
Meth Blue	14	6	2	4	2	-	-	-	-	-	8	6
Meth Blue and Plate Count	11	11	-	-	-	10	1	-	-	-	11	-
	3	-	-	3	-	1	2	-	-	1	2	1
	3	-	-	-	3	-	1	-	2	3	-	3
TOTALS	31	17	2	7	5	11	4	-	2	4	21	10

Eight samples were submitted to Chemical Analysis with the following results:-

	<u>% Fat content</u>	<u>% Total solids</u>
1.	5.5	28.2
2.	1.5	22.3
3.	5.4	25.9
4.	3.9	25.4
5.	5.9	25.7
6.	4.9	23.1
7.	0.6	23.8
8.	0.6	23.1

Owing to there being no standard of fat content in operation no specific action could be taken regarding samples 7 and 8, however, informal approach to the persons concerned produced an increase in the fat content.

During the year great improvements were made in the two main factories producing Ice Cream and the co-operation of the owners with the Department has been most encouraging.

FOOD SHOPS AND STORES

Inspections were carried out during the year at the majority of food shops, etc. In one case a large quantity of foodstuffs were condemned for various reasons and the repair and cleansing of the whole premises was effected informally.

In a second case some food was seized and condemned as unfit by reason of mouse contamination, here again the necessary improvements were secured informally.

UN SOUND FOOD

No slaughtering was notified to the Department during the year. The fresh meat supply for the town is distributed through the Wholesale Meat Supply Association and is slaughtered at Hythe Abattoir.

The total quantity of meat and other food condemned during the year was 3 tons 15 cwt. 72 lbs. 4 ozs. and was made up as shown:-

Tons Cwts. lbs. ozs.

TINNED GOODS

Bacon	.....	1	0
Dried Egg	.....	1	9
Fish	.....	88	1
Fruit	.....	33	1
Meat	.....	7	27
Milk	.....	4	28
Paste	.....	1	91
Pickles	.....	58	23
Preserves	.....	2	5
Pudding	.....	1	15
Soups	.....	1	83
Vegetables	.....	4	36

OTHER GOODS

Bacon	.....	6	4
Baking Powder	.....	28	4
Beverages	.....	2	42
Biscuits	.....	1	0
Breadcrumbs	.....		0
Cake Mixture	.....	2	60
Cereals	.....	2	0
Cheese	.....		8
Fish	.....	36	80
Fruit	.....	2	5
Gravy Mixture	.....		43
Lemonade Powder	.....		23
Meat and Offal	.....	4	106
Medicines	.....		1
Miscellaneous	.....		4
Salt	.....		0
Sausage Meat	.....		17
Spices	.....		26
Sweets	.....		45
Vegetables	.....		40

TOTAL	3	15	72	4
-------	---	----	----	---

ADULTERATION

Adulterated Milks

Two samples comprised milk from 10 churns in course of delivery to a Deal milk receiving depot. These two samples were found to contain small quantities of water, apparently due to some carelessness in regard to the improper drainage of milking utensils used. Subsequent samples proved to be genuine milk and the producer was cautioned.

Inferior Milks

Of the four milk samples reported as "Inferior" one was found in the course of the investigation mentioned above. Two others were slightly deficient in fat (viz. 2.9% and 2.8%). These again were in course of delivery samples and the producer was advised as to the proper mixing of his milk and as regards milking hours.

The remaining sample was taken from the retailer and contained 2.9% of fat. Subsequent samples were found to be genuine.

FOOD AND DRUGS ACT, 1938

Samples	No. taken	Genuine	Adulterated	Inferior
Milk	47	41	2	3
Dry	37	37	-	-
Drugs	9	9	-	-
Spirits	2	2	-	-
TOTAL	95	89	2	4

DETAILS OF SAMPLES

1 Apple Juice	1 Kako
1 Appleade	1 Lemon Fruit Drink
1 Blancmange	1 Lemon Squash
1 Barley Kernels	1 Liquid Paraffin
1 Butter	1 Macaroni
1 Castor Oil	1 Meat Pie
2 Coffee	47 Milk
2 Coffee and Chicory Essence	1 Mustard Sauce
1 Cough Mixture	1 Orange Fruit Drink
1 Cough Pastilles	1 Pepper
1 Cough Syrup	1 Polo Peppermint
2 Custard Powder	1 Roe Liver
1 Dates, Paste of	1 Semolina
1 Fishballs	1 Snock
1 Fish Paste	1 Spaghetti Pearls
1 Fish Spread	1 Sparkling Drink
1 Gin	1 Spix
1 Ginger Beer	2 Sulphur Tablets
1 "Good Health" Salts	1 Sweepfat
1 Grapefruit Squash	1 Verva Thirst Quenchers
1 Health Salts	1 Vinegar
1 Horseradish Sauce	1 Whisky.

All samples genuine with the exception of six milks.

INFECTIOUS AND OTHER DISEASES

The number of cases notified during the year was as shown in the following table:-

Disease	Total Cases Notified	Cases admitted to Isolation Hospital
Scarlet Fever	8	4
Diphtheria	1	1
Pneumonia	5	-
Whooping Cough	288	-
Measles	177	1
Tuberculosis -		
(Pulmonary)	12	-
(Non-Pulmonary)	8	-
Erysipelas	3	-
TOTAL	502	6

CANCER

The number of deaths from malignant disease in this area during 1948 was:-

	<u>Males</u>	<u>Females</u>	<u>TOTAL</u>
Deal Borough	19	18	37
This gives a death rate within the Borough of	<u>1.64</u>		

PREVENTION OF BLINDNESS

No cases of Ophthalmia Neonatorum were notified during the year, and it was not necessary to take action under Section 66 of the Public Health Act, 1936.

TUBERCULOSIS

It was not necessary to take action under the Public Health Act (Prevention of Tuberculosis) Regulation, 1925, relating to employees in the milk supply trade, nor under Section 171 of the Public Health Act, 1936 for the compulsory removal of Tuberculosis patients to Hospital.

The following table shows the new cases and mortality relating to Tuberculosis during the year 1948.

(See following page)

TABLE IX

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M	F	M	F	M	F	M	F
0	-	1	-	-	-	-	1	-
1	1	-	2	-	-	-	1	-
5	-	-	1	1	-	-	1	-
10	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
20	1	2	-	-	-	-	-	-
25	-	1	1	-	2	-	-	-
35	2	1	-	2	3	-	-	-
45	-	-	-	1	3	1	-	-
55 over	1	2	-	-	2	2	-	-
TOTALS	5	7	4	4	10	3	2	-

SCHOOLS

There are 10 Schools in the Borough under the direction of the Kent Education Committee catering for infant and primary and secondary education, with a school population of approximately 3,000.

I hold the post of Assistant School Medical Officer under the Kent Education Committee, attending all the Schools with the exception of the Girls' Section of the County Modern School.

I have always contended that it is an advantage in a community that a person holding this position should have a close and intimate knowledge of the town and its people as this knowledge which extends outside the school walls, is valuable in the preservation of the childrens health interests.

The Health Services for School children are well organised and extensive. Regular medical inspections take place in the School buildings and any child showing defects is kept observed and his or her case followed up to ensure that everything is done.

The system includes provision for practically every ailment and the treatment is arranged directly with the County who employ various specialists - several of whom attend regularly in the town. These include Clinic arrangements for Osteopathic, ophthalmic, Tuberculosis, Ear, Nose and Throat, Physio-therapy, and speech defects.

Other branches are catered for at the hospitals, notably skin and psychological cases. Cases are frequently referred to the Clinic by Local Practitioners and treatment for the cases is performed with their co-operation.

Throughout the year the childrens' health has maintained a high standard.

BOROUGH OF DEAL

GENERAL SUMMARY

Population (Estimated 1948 for area as now constituted)	.....	22530
Number of inhabited houses (according to Rate Books at end of 1948)	.....	6813
Average number of persons per house	.....	3.3
Area	.....	2917
Density	.....	7.7

	<u>Deal</u>	<u>England and Wales</u>
Annual Birth Rate per 1000 population.	20.42	17.9
Annual Death Rate per 1000 population Crude	11.22	10.8
Infantile Death Rates per 1000 births.	34.8	34
Live Births: Males	240	
Females	<u>220</u>	
Total	<u>460</u>	
Deaths: Males	140	
Females	<u>123</u>	
Total	<u>263</u>	

Excess of Births over Deaths	.....	197
Total Hours of Sunshine	.....	1477.2 (incl. April)
Rainfall in inches	.....	25.42
Rateable Value at end of 1948	.....	£159,869.
Product Penny Rate, end of 1948	.....	£612

HEALTH
A 20 AUG 49
C.R. 54

General Observations.

A brick built garage with central heating has been provided at the Thurnscoe Depot for the first vehicle but the second has had to be housed in the temporary A.R.P. garage. Once again I have to urge the provision of a central garage, and depot for the cleansing vehicles with welfare provisions for the workmen.

Concluding my report I wish to thank the Chairman and Members of the Council for their encouraging support during the year.

I am,

Lady and Gentlemen,

Yours faithfully,

G.H. ALLEMBY, Cert. R.S.I., M.S.I.A.

Chief Sanitary Inspector and
Cleansing Superintendent.

Chief Sanitary Inspector's Office,
Council Offices,
Bolton-upon-Dearne.

September, 1948.

